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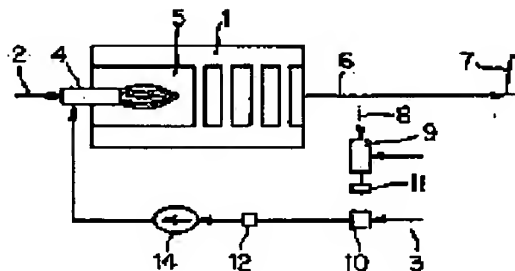
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(54) METHOD AND DEVICE FOR INJECTING WATER IN LOW NOX COMBUSTION DEVICE

(57)Abstract:

PURPOSE: To enable a desired low NoX formation of combustion gas to be attained by making a uniform mixing of injection water within combustion air under utilization of recirculated gas for recirculating discharged gas discharged from a combustion device.

CONSTITUTION: A method and an apparatus for injection water for restricting occurrence of NoX at a combustion device such as a boiler and the like are operated and constructed such that a circulating system for re-circulating discharged gas to the combustion device is provided with a water injecting part 9, water is injected into recirculating discharged gas and then a mixing part 10 is formed at a merging part with a combustion air supplying system 3 at a downstream side of the water injecting part 9. Then, the re-circulating discharged gas containing injection water and combustion air are forcedly and uniformly mixed at the mixing part 10.



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